

ABSTRACT OF THE DISCLOSURE

(Object)

To realize the temperature control of the sample-
5 setting portion and enable to perform exposure or
inspection of samples accurately while preventing the
generation of dust, deterioration of the degree of vacuum
and contamination in a vacuum atmosphere.

(Means of Solving the Problems)

10 The top table 21 or sample holding mechanism 7 is
equipped with a temperature sensor 23, the flow path 251
of the heat-exchanging medium 241 is provided inside the
non-moving fixed side guide member 181, and the
temperature of the sample-setting portion is controlled
15 through the control of the medium 241. Since the flow
path 251 of the heat-exchanging medium 241 is located in
a stationary portion, it is possible to control the
temperature of the sample-setting portion while
preventing the generation of dust due to flexible piping,
20 damage to vacuum pump and contamination in a vacuum
atmosphere caused by the heat-exchanging medium 241.